

**IN THE ABSTRACT**

A horizontal boring machine tool is described that includes a boring bar equipped with a cutting bit and a  
5 counter-bar coupled in head-to-head rotation with the boring bar. This counter-bar is also equipped with a cutting bit, or a series of cutting bits destined to operate simultaneously on the same cylindrical seat to be bored. Both the bit or bits arranged on the bar, and  
10 the bit or bits arranged on the counter-bar are radially adjustable via an automatic adjustment system.  
(Figure 2)